

# Converting Colors

Hex(C173EB)

Have a look what the booklet for  
Hex(C173EB) contains.

<b>Hex(C173EB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C173EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C173EB
RGB	193, 115, 235
RGB Percent	76%, 45%, 92%
CMY	0.2431, 0.5490, 0.0784
CMYK	0.18, 0.51, 0.00, 0.08
HSL	279°, 75%, 69%
HSV	279°, 51%, 92%
XYZ	43.1184, 29.5971, 82.0375
YIQ	152.0020, 7.9680, 53.8560

# Conversions

## Conversions Part 2

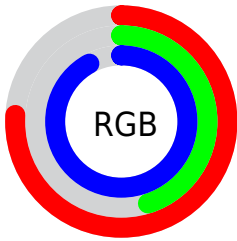
Format	Color
R <sub>Y</sub> B	193, 115, 235
Decimal	12678123
CIE Lab	61.31, 50.98, -48.71
CIE LCh	61, 70.505, 316.306
Yxy	29.5971, 0.2786, 0.1913
Android (android.graphics.Color)	4290868203 (0xFFC173EB)
YUV	152.0020, 40.9180, 35.9552
Hunter-Lab	54.4032, 46.2685, -51.3243

# Details

The Hex color **C173EB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **9DEB73**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FBA9FF**, and **893FB3** is the 20% darker color. If you saturate the color by 10%, you get **B95CEB**, and if you desaturate by 10%, it is **C98BEB**.

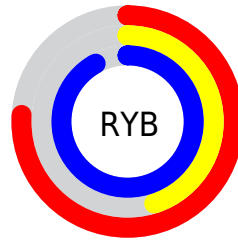
# Distribution



Red (76%)

Green (45%)

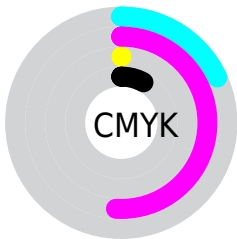
Blue (92%)



Red (76%)

Yellow (45%)

Blue (92%)

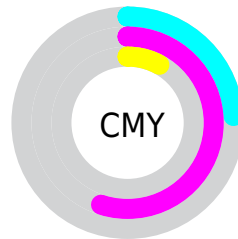


Cyan (18%)

Magenta (51%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (55%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C173EB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C173EB by changing the saturation by 10% instead.



 C173EB

 C173EB

FFFFFF

 A559CE

 FBA9FF

 893FB3

 FFC5FF

 6D2497

 FFE2FF

 52027D

 370063

 1F004B

 000033

 00021D

 000000

 C173EB

 C173EB

 B95CEB

 C98BEB

 B144EB

 D1A2EB

 A82DEB

 DABAEB

 A015EB

 E2D1EB

 9900EB

 EAE9EB

 F2FFEB

 FBFFEB

 FFFFEB

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4F90FF



C173EB



F558B3

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C173EB



C98700



00B1B5

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C173EB



9DEB73

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00AF74



C173EB



919B00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C173EB



F16B3B



44A835



00AEED

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C173EB



FF5189



44A835



00B0A0



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C173EB



F2D9FF



739DEB



776980



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C173EB



C963FF



EB73D9



716A75



7600B5



230036



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EB739D



FF639A



73EB85



756A6E



B5003F

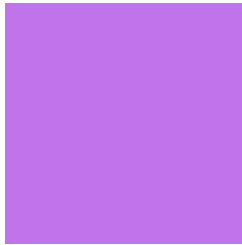


360013



# Previews

## White Background



This preview shows how the Hex color C173EB looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

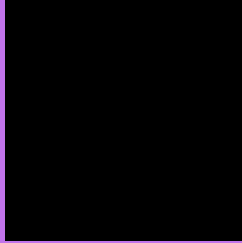
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C173EB Background



This preview shows how black text looks on a background with the Hex color C173EB.

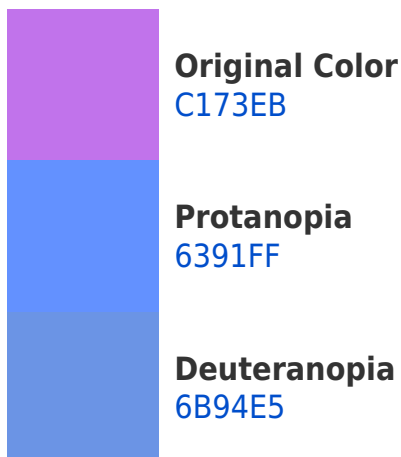


This preview shows how white text looks on a background with the Hex color C173EB.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

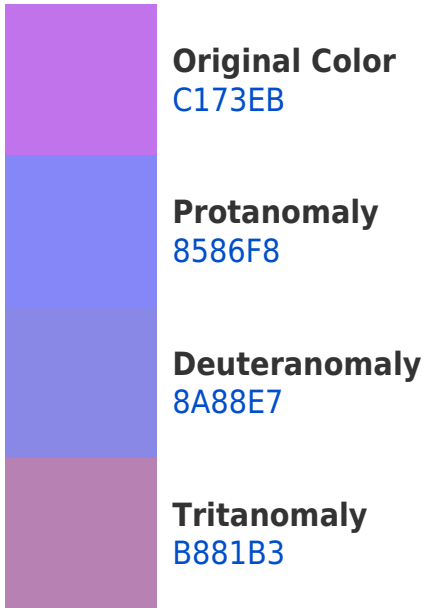
## Dichromacy





**Tritanopia**  
B38993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C173EB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C173EB looks like.

```
.text, #text, p{  
    color:#C173EB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C173EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C173EB
}
```

## Border

The CSS property to change the border of an element to Hex C173EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C173EB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C173EB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C173EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C173EB; -webkit-box-shadow:4px 4px  
4px 4px #C173EB; box-shadow:4px 4px 4px  
4px #C173EB }
```

# Background

The CSS property to change the background color of an element to Hex C173EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C173EB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C173EB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor